

FOLIO

UNIVERSITY OF ALBERTA
18 SEPTEMBER 1992



INSIDE

- Grant Smith brings business expertise to presidency of Alumni Association
- Mediation Services up and running
- 3 October is Super Saturday at the U of A

Academic Support Centre in the business of sharpening students' skills

The Academic Support Centre (ASC), a new unit on campus, is intent on providing services that students can rely on, services that are as sturdy as the bricks that encircle its offices.

ASC, located in 102 Athabasca Hall, contains three sub-units: Effective Writing Resources, Study Skills Program and Mathematics Resource Centre. Together, ASC (formed through an initiative of Dean of Student Services Peter Miller) and Student Counselling Services make up Personal and Academic Resources.

Students who think that a semicolon is a small intestine soon discover the error of their ways when they visit Effective Writing Resources. Program Head Dave Clyburn has one of the fastest (and most instructive) blue pencils in the west, not surprising in light of his having marked thousands of Writing Competency Tests as a member of the Office of Testing and Remediation. (That much publicized unit of the 1980s was subsequently converted into Effective Writing Resources.)

The Academic Support Centre's aim is to help students to achieve their full potential in their pursuit of academic excellence

Where, say, an English 101 teacher may simply not have the time to amplify the "awkward" that he's written near a sentence or paragraph, Clyburn goes into some detail to describe just why that particular part of the assignment was awkward and why the student got the grade he did.

Another strong point of Effective Writing Resources is the one-on-one tutorial arrangement, something Clyburn says "really makes the program popular." It's much more effective than just standing up and giving a lecture, he says.

Effective Writing Resources offers "Writing for University" and "Writing and Editing Your Thesis." According to Clyburn, both are designed so there's no "overbearing workload." In the first "Writing for University" class, students are asked to write a 400-word essay. Clyburn then reads it, marks it carefully, meets with the student for, on average, half an hour, and gives advice and encouragement.

The first classes of "Editing Your Thesis" focus on the overall aspects of a university research paper and include tips on using the Library, generating ideas and on various methods of organizing essays. In the last three classes, Clyburn supplies "fairly detailed instruction" on sentence structure and common errors.

Last year, 530 students registered in Effective Writing Resources, a figure Clyburn says is encouraging, given that the courses are of the noncredit variety and carry a fee of \$60 for 18 hours of instruction.

Effective Writing Resources also offers portfolio reviews of samples of work students have already submitted for course credit and presents "tailor-made" sessions for individual Faculties and units, an example being the six-hour seminar Clyburn conducted for Campus Security staff. He also taught one section of English 101 to native students in the Transition Year Program. "Checklist for Writers" and "List of Useful References for Writers" are readily available. Oh, yes, Effective Writing Resources continues to offer the Writing Competence Test for students who wish to have an evaluation of their writing abilities or who wish to write the test for another university in the province.

Karen Kovach, Head of the Study Skills Program, points out that the three sub-units work as one and it's common for the Program Heads to cross-refer students. Besides offering assistance to students with learning problems, ASC's services are available to students who already have good learning and study habits but who want to improve them. Then, too, there are many students who don't know whether they have learning problems until they take stock when their first paper or exam has been returned. Kovach says that when that happens, it may well be necessary to add topics to the list of workshops which currently contains: Getting the Most from Your Textbook, How to Write Exams, Lecture Note Taking and Listening Skills, Manage Your Time/Avoid Procrastination, Memory Strategies, Organizing Term Papers, Selecting Main Ideas from Textbooks, Lectures and Notes, Study Strategies and Test Anxiety/Stress Management.

(Each workshop is two hours long, and students can register in as many of them as they would like. The Study Skills Program also offers a six-hour course called Strategies for Academic Success that employs a "learning how to learn" strategy. The workshop fee is \$20 per workshop; the mini course fee is \$40.)

"We can break down study skills into minute topics and then offer each as a two-hour workshop or a six-hour course," Kovach says. An evaluation follows each session. On top of that, she will book one-on-one time with any student who may feel that their particular concerns weren't covered to the fullest possible extent during the workshop(s) and/or course(s).

Students, Kovach believes, should know the *why* of learning. The Study Skills Program doesn't teach a strategy per se, but rather the reason(s) behind the strategy. "We're not really a content-based program," Kovach says.

In Kovach's view, the biggest problem for ASC has been in getting word to students and staff about the programs. The Study Skills Program was run on a part-time basis last year, but Kovach doesn't think the University has ever had such a large number of concen-



Dave Clyburn, receptionist Carol Dimitriou, Karen Kovach and Peter Schiavone (from the left) at the entrance to the Academic Support Centre in Athabasca Hall. The Centre reports to the Dean of Student Services.

trated workshops that are geared to accommodating larger numbers of students. Peter Schiavone, who operates the Mathematics Resource Centre, returned from the recent "New to the U" reception with a wide grin because the first-year and transfer students who attended were pleasantly surprised to hear of ASC's existence. "What we try to do is plug the gap between high school and university. By no means is it a remedial service," he says of the Mathematics Resource Centre.

Dr Schiavone gravitated to the Academic Support Centre after being a math instructor for four years and becoming increasingly disappointed with the high rate of failure of students enrolled in first-year calculus courses. As he sees it, mathematics, to a greater extent than most disciplines, is a cumulative subject. It's not unusual for students who have inadequate foundation skills to encounter more and more difficulty as the courses become more advanced.

Having raised \$30,000 from private firms such as Maclab Enterprises, Stanley Technol-

ogy Group Inc, the Alberta Society of Engineering Technologists and Edmonton Telephones, he's outfitted a computer lab that features (on CD-ROM) state-of-the-art teaching software in both precalculus and calculus.

The accent is on short, intensive preparation workshops which range from precalculus to exam preparation techniques. "We want students to go in armed to the teeth for first-year courses," Dr Schiavone says. Sessions are open to anyone who wishes to prepare for and improve their performance in a first year calculus course. The fees are: Precalculus, \$40; Examination Preparation Techniques I, \$30; Examination Preparation Techniques II, \$30. Additional services (no charge to U of A students) are: help-desk (walk-in consultations for limited hours during the day with the possibility of extension to evenings and weekends), computer lab with "teach yourself" software, assessment tests and access to a database of approved tutors.

PUBLIC PRESENTATION: 'THE CENTER FOR RESEARCH LIBRARIES AND ITS ROLE IN THE WORLD OF ACADEMIC LIBRARIES'

Donald Simpson (president) and Linda Naru (development officer) of the Center for Research Libraries will describe their institution and its vast collections (4.5 million volumes/equivalents), and explain the role it fulfills in serving the research needs of the North American academic community. All U of A staff whose research interests lie in the humanities and social sciences are encouraged to attend.

Place: Rutherford Library Bibliography Room, 3-112 Rutherford North

Date: Wednesday, 23 September

Time: 12:30 - 2:30 and (repeated) 3 - 5 pm

Sponsor: The University Library

For further information, call: Debbie Dancik (492-1405) or Merrill Distad (492-1429).

Mediation Services available to campus community

You've been having a dispute with another person on campus for some time now. You've decided that it's gone on long enough and it's time to resolve the situation. But you want a neutral third party to help resolve the situation in an informal, confidential setting. Who are you going to call?

Mediation Services, with trained mediators from the ranks of the four main constituent groups on campus, would seem to be the logical answer.

The benefits of using the service are these: parties can create their own agreements and there's no imposition of solutions by mediators; mediation is private and confidential; it takes place at a neutral location in a nonadversarial environment where all the parties have an opportunity to be heard and have their concerns addressed; and it's been used in a variety of disputes and has a success rate of more than 80 percent. What's more, it's fast and it's free.

"We're at the point now, with the publication of our new brochure, of alerting the campus that the service does exist," Mediation Services Coordinator Bill Stewart said last week. "We're wide open to deal with a variety of disputes," he says, explaining that the neutral unit reports to the Vice-President (Student and Academic Services).

"We have a group of people trained to do mediation, and anyone who has a dispute, issue or conflict with someone else and is unable on their own to negotiate a solution without some help, can give us a call. We'll check to see if the other party is interested in resolving the problem in a confidential manner. Then we'll set up a mediation."

In a paper written shortly after attending an on-campus workshop conducted by University of Victoria Law Professor Andrew Pirie, David Baine (Educational Psychology) stated that, "Mediation, the process of 'managed negotiation,' may be used when negotiation breaks down.

"Mediation may also be used as an alternative to negotiation and formal legal methods of dispute settlement, when the disputants recognize that they do not have the requisite problem-solving skills, where intense emotions interfere with communication, where the ongoing relationship, such as employee-supervisor, makes negotiation difficult or where a person or agency has become established as the preferred or recommended method of dispute management."

How does the process unfold? "First, there's a phone call," says Dr Stewart. "We explain what the service is. Often people need to go back and give it another try on their own. If they want to talk about it, they come here. We determine what the issues are, and make sure they're aware of their other options. Then we decide if Mediation Services or the other person involved should contact the other party. We're not advocating on anyone's behalf."

"We're wide open to deal with a variety of disputes."

Mediation Services Coordinator
Bill Stewart

If the two parties agree to give it a try, Dr Stewart runs through the list of mediators on campus. Both parties must feel comfortable dealing with the mediators chosen. Dr Stewart reiterates: It's important Mediation Services be considered by all to be strictly neutral.

"Often the initial problem is just the tip of the iceberg. There tends to be other things there," says Dr Stewart. One of the advantages of mediation is that there's an opportunity to deal with all those issues, which doesn't always occur in more legalistic processes.

"Hopefully, both parties will come to an agreement and an agreement will be drawn up. About six months later we'll check to see

if that agreement is still holding. Some decide to have written agreements, others decide they don't need one.

"The research indicates that the agreements tend to be long-lasting. People also feel they've been given a chance to tell the whole story, and they feel that mediators are very neutral."

Mediation Services has been involved in mediating, among other disputes, a territorial dispute between two departments on campus and a noise dispute between Dewey's Pub and neighbouring residents in HUB Mall. (During his recent study leave, Dr Stewart examined mediation services on other campuses and found that landlord-tenant disagreements took up much of these services' time.)

Mediation as a method of resolving disputes is becoming increasingly popular across the continent. In the United States, for example, New York State has used mediation to resolve criminal matters. "In the US, part of the push has come from the desire to relieve the pressure on the courts," Dr Stewart says, but in Canada that hasn't been the case. In Saskatchewan, mediation is used to resolve disputes between farmers and lenders. Schools are using mediation, too. And police officers and bylaw officers are also suggesting mediation as an option for resolving disputes.

Right now, there are many people on campus who have mediation skills and who are interested in the process. In fact, says Dr Stewart, the amount of mediation business pales beside the number of people interested in becoming mediators. Still, he welcomes their interest and indicates a willingness to run seminars for people wanting to learn more about the process. In the meantime, Mediation Services is open to referrals from other campus agencies if there's a role it can play.

Pamphlets that explain Mediation Services' role have been distributed and the office will be listed in the forthcoming campus phone book.

A C R O S S C A N A D A

UBC recipient of Merck Frosst largesse

The University of British Columbia recently received \$15 million from the pharmaceutical manufacturing firm Merck Frosst Canada Inc to establish a Centre for Molecular Medicine and Therapeutics.

The Centre will use new technology to understand mechanisms which cause diseases with genetic components, such as nervous system disorders and heart disease.

Imperial Oil helps fund U of C child care facilities

Imperial Oil Limited will kick in about \$600,000 over several years to help construct the Imperial Oil Child Care Centre at the University of Calgary. The gift is part of the University's \$40 million Building on the Vision National Campaign.

Western's employees helping university battle budget woes

Approximately 320 faculty and staff members at the University of Western Ontario are taking voluntary leaves and making donations to help the university in its budget battles. Administrators say that 275 employees are taking voluntary unpaid leaves and 48 others are making one-time donations to the university.

Memorial goes nonsmoking

Memorial University recently approved an institution-wide smoke-free policy. The new policy applies to all buildings that Memorial owns and operates. Buildings not completely administered by the university are exempt from the policy.

Liberals release discussion paper on student financing

The Alberta Liberal Party recently released a discussion paper on student aid and invited comment from students, alumni, faculty, administrators and the general public.

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Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 30 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Thursday, eight days before desired publication date. Camera ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

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Love at first byte

First-year student Nicole Bonnet, of St. Walburg, Saskatchewan, won't be hand-writing papers during her studies here in the Faculty of Education. She had the good fortune to win a brand-new computer at a draw held in conjunction with the "New to the U" reception. The University Bookstore (Assistant Director Bill Quick is shown with Bonnet) and IBM—through its back-to-school promotion—teamed up to hold the draw. Another draw is planned for later in the year.



University
of
Alberta

Grant Smith makes impressive return to campus

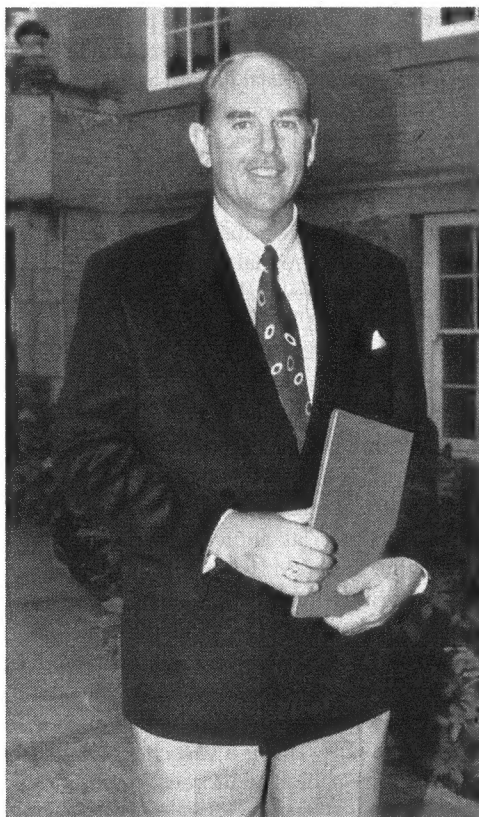
Business graduate new leader of Alumni Association

The "very little contact" that Grant Smith had with his alma mater since graduating in 1968 began to turn around when he became the Business Faculty's representative on Alumni Council. Impressed with that body and wanting to get more involved and to build on this "modest base," Smith aimed for the top and was elected president of the Alumni Association late this spring. Contact, needless to say, has become plentiful.

"What I get is a better appreciation of the University. It's a big part of the City of Edmonton. There still appears to be two camps, the University and the rest of the city, and I find getting involved helps narrow the gap," Smith commented recently. Alumni, he points out, can readily have that dual interest, that is, the University and the non-University area in which they live.

Smith, who earned a BCom degree at this University, is looking forward to even more contact at Renunion Weekend, 2 to 4 October. He regards it as a glowing opportunity for "friendraising", particularly among older alumni. In speaking with graduates, Smith will undoubtedly say a few words about himself, perhaps along these lines ... "I started my own business in 1973, a cash and carry soft drink manufacturing operation known as Happy Pop. It's now become a custom beverage packaging operation with a bottling and canning plant in Edmonton and a bottling plant in Vancouver. We service western Canada...the company underwent a name change when Happy Pop was sold and is now known as HPI Beverages Ltd."

The conversation might also include mention of the Student Representative Program, something Smith is enthused about. A representative from each graduating class in each department makes a commitment to stay in



Grant Smith: native Edmontonian, U of A graduate, community-minded businessman, and now, president of the Alumni Association for 1992-93.

touch with their classmates (through a newsletter) for five years. The representative can then continue in the role or defer to someone else.

"It won't show immediate results but it should prove beneficial in the next 10 to 15 years. Instead of a 20-year gap like I experi-

enced, there will be that maintaining of contact with the University," Smith says.

In circulating around campus and meeting with Deans, Students' Union President Randy Boissonnault, Chancellor Sandy Mactaggart and others, Smith says he doesn't find the classroom scene too different from what it was in his day. Classes of 200 to 300 students weren't uncommon then, he recalls. "Students probably have a bigger load, though ... certainly it's more competitive [today]."

The new president plans to focus on fewer programs and concentrate on making a small number of programs that much better. "That's no criticism of past presidents," he hastens to add. He feels his business training will be useful in identifying priorities and sharpening the focus of the Association. (In addition to being President and CEO of HPI Beverages, Smith was recently invited to sit on the Economic Development Council of Edmonton, and he is a former executive member of the Edmonton Chamber of Commerce. In 1988, he was voted the "Soft Drink Industry Man of the Year.")

Joining Smith on the Alumni Association's 1992-93 executive committee are: Vivienne Horne, '70 BEd, Vice-President (Finance and Development); Sylvia Crevolin, '69 BSc(HEC), Vice-President (Special Events); Bob Crawford, '52 BSc, '54 MSc, Vice-President (Student Affairs); Bryun Sigfstead, '67 DDS, Vice-President (Program Development); and Barbara Rocchio, '64 BSc(Nu), Vice-President (Public Affairs). In addition, Christina Andrews, '86 MLS, sits on the executive committee and, with Smith, represents the Association on the University of Alberta Senate.

The Association's elected representative to the University's Board of Governors is Graham Lock, '65 BSc(Eng).

Feminism for Lawyers series starts next week

Sponsored by Applied Legal Studies Program

The Faculty of Extension's Applied Legal Studies Program is offering a Feminism for Lawyers lecture series this fall.

Various presenters will explain major streams of feminist theory that are influencing contemporary legal arguments. There will be opportunities to discuss the implications of these trends for the law.

The series, expected to appeal to lawyers and others who want to explore the legal aspects of feminist theory, will be held on six Thursday evenings, from 7 to 9 pm, at the Law Centre. The first lecture, 24 September, will be delivered by Linda Trimble (Political Science) and will centre on liberal feminism, the public/private separation.

On 1 October, Daphne Read (English) will speak on radical feminism: going too far or not far enough? On 8 October, Debra Shogan (Physical Education and Sport Studies) will discuss the feminist ethic: a critique. Lynn Penrod (Romance Languages) will speak on post-modern feminism, 15 October. Annalise Acorn (Law) will examine the male norm in law: a constitutional example, 22 October and lawyer Patricia Paradis will discuss taking women seriously in law, 29 October.

The fee for the series is \$150 and advance registration is required. Further information may be obtained by calling 492-5732.

CURRENTS



'Autumn Flower Fair'

The Botanic Garden Crafters Association is sponsoring Autumn Flower Fair, 26 and 27 September, 11 am to 4 pm, at the Devonian Botanic Garden, five km north of Devon on Highway 60.

CaPS Education Career Fair

Career and Placement Services' Education Career Fair is scheduled for 30 September in Dinwoodie Lounge (9:30 am to 4 pm). Admission is free. Students can pick up their guidebook in advance (28 and 29 September) from 10 am until 2 pm at the Education Students' Association Office, Education Centre.

GST accounting workshops

The Office of the Comptroller will conduct GST accounting workshops on 20, 21 and 22 October. There will be two workshops available each day, one from 9 am to noon, and one from 1 to 4 pm. The workshops are designed to help staff better understand GST regulations, particularly as they relate to University transactions.

Staff interested in attending a workshop should contact Fred Greenberg, GST Tax Analyst, Office of the Comptroller, 492-4383, to secure a reservation.

U of A curling

The U of A Curling League's season begins Monday, 5 October, at 5 pm at the Derrick Golf and Winter Club (3500 119 Street). The 20-game (Monday) schedule continues to 15 March 1993. Fees are \$580 per rink.

Contact Mel McMillan, 492-3306, or Rod Wood, 492-0275, for further details.

U of A Squash Club

The membership fee of \$15 includes the opportunity for: competitive play, interclub play, recreational play, discounts on squash racquets and accessories, rules and skills clinics, rankings tournament for squash ladder.

For more information, call Grant Bawolin, 473-0554, or Paul Lumsden, 988-9115/7393.

Concert Choir has Entertainment Books

The U of A Concert Choir is now taking orders for Entertainment '93 Books (cost: \$40.66). Call Debra Ollikkala (director) at 492-2384 to reserve a copy.

LETTERS



Student evaluation: common exams given at a common time by no means the definitive answer

Since beginning my teaching career in 1968 I have maintained a strong personal interest in the ongoing debate on student evaluation. The complexity of this problem cannot be overstated. The practical concerns involved are substantially outnumbered by the ethical, psychological, and philosophical issues to be considered.

In light of this you can imagine my interest when I read, in the "Inside" box on the front page of the 4 September *Folio*, "Guest columnists urge that final exams policy be changed." I turned immediately, and eagerly, to the "Guest Column" on page 3.

Now I know how the medical profession must have felt when it was suggested that leeches be washed before being used to bleed the patient.

Common exams given at a common time might indeed address error due to time and error due to different exam content, but they would do nothing to address error due to instructional variations, error due to incompatibility of exam format with individual learning styles, error due to cultural bias, error due to varying degrees of language proficiency, error due to irrelevance of exam questions to real life, error due to stress-induced

nausea on exam day, and error due to the absurdity of subjecting human beings to such an archaic process.

Since the number of variables involved in this issue is infinite, as it is with all matters human, we delude ourselves if we think that controlling two more is significant progress. Our energy, intellect, and resources would be better spent by focusing on the development of more innovative and ethical techniques for assessing student growth and progress.

David Calhoon

PhD student

Department of Elementary Education

MAPPS 'OPEN HOUSE'

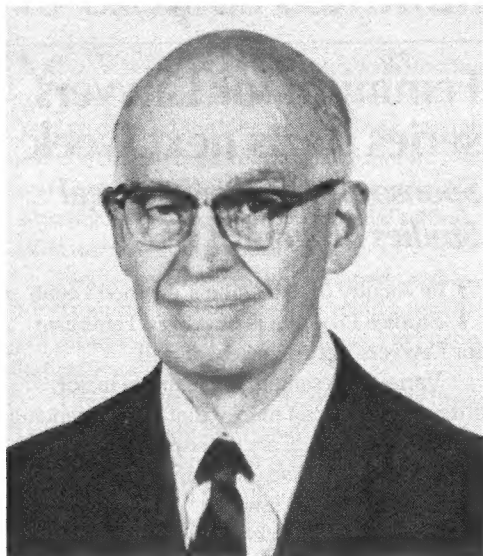
Join us at an "Open House" for the introduction of the new electronic MAPPS.

Where: 315 General Services Building.
When: 25 September, 9 am to 1 pm.

This will be of interest to all Faculty and Department administrators, and to support unit administrators.

Light refreshments will be provided. For more information, please call Dr PS Taitt at 492-3540.

H Bruce Collier, 1905 - 1992



Herbert Bruce Collier, PhD, FRSC, Professor Emeritus at the University of Alberta, died 29 August, aged 86 years.

After obtaining a PhD degree in 1930 from the University of Toronto, he spent seven years in China teaching biochemistry at West China Union University at Chengtu, Sichuan, where he developed a lifelong interest in the Chinese language.

On his return to Canada in 1937, Dr Collier took up an appointment as first biochemist at the new Institute of Parasitology at Macdonald College, St. Anne de Bellevue, where he became intrigued with the biochemistry of erythrocytes. In subsequent appointments at Dalhousie University, the University of Saskatchewan and the University of Alberta, he was chiefly concerned with clinical biochemistry. He was Chair of the Department of Biochemistry at this University from 1949 until 1961 and in 1964 transferred to the Division of Medical Laboratory Science. His research work was supported by numerous grants from the Medical Research Council of Canada.

Always interested in committee work, Dr Collier was elected president of the Association of Teaching Staff (ATSUA) in 1954, and had his most interesting experience when he was asked by the Faculty Association to chair a committee on university government to make recommendations for revision of *The University Act*. The new Act, passed in 1968, gave control of academic matters to General Faculty Council. His retirement in 1971 was made pleasant by being invited to remain in his laboratory where he worked for another 14 years. Interest in reading, photography, and mountain hiking continued until illness intervened.

To honour Dr Collier's contributions to the University of Alberta, a memorial fund has been established to recognize annually the most outstanding graduate from the Medical Laboratory Science program at the U of A. This award will be designated the HB Collier Gold Medal in Medical Laboratory Science. Donations to the HB Collier Memorial Fund should be sent to the Development Office.

A memorial service for Dr Collier will be held Sunday, 20 September, at 3 pm at the Chapel of Chimes, 10179 108 Street.

NEWS DIGEST

Publication of a limited number of issues during the summer and the crush of activity in early fall conspired to keep a few recent developments out of *Folio's* pages. For the record, then ...

Senate Library Endowment Fund

In late June, Chancellor Sandy Mactaggart and Director of Libraries Ernie Ingles unveiled a plaque honouring donors to the Senate Library Endowment Fund. The event took place in the Bruce Peel Special Collections Library. In 1987, the Senate established a library endowment fund which makes possible the purchase of rare scholarly materials in a variety of disciplines for the Bruce Peel Special Collections Library. Each year interest earned from the Fund is made available for the acquisition of books to commemorate the recipients of honorary degrees conferred at the Spring and Fall Convocations.

Works bought by the Senate for the Library range from a 16th century book on cosmetics and an 18th century American history to illustrated children's literature and unique artists' books.

All that jazz

Summer Jazz '92, 16 to 21 August, brought 35 high school students and 10 music educators to the Education Centre. Students came from around the province (Medicine Hat, Fort McLeod, Whitecourt) to receive instruction from the likes of Edmonton musicians Gordon Towell, Bob Stroup, Murray Smith and Charley Austin, and Dominic Spera from Indiana University.

This was the first time the event took place at the U of A (it had been held at the University of Calgary), and Tom Dust (Secondary Education) says there's every indication that it will be repeated here next year.



Rajat Nigam, Trevor Brandenburg, Corey Hamm, and Roger Admiral (left to right) form the Hammerhead Consort.

More music

The second Northern Alberta Summer Piano Master Class brought musicians from Alberta, British Columbia, Japan and Korea to campus for two weeks' intensive study with Helmut Brauss and Stephane Lemelin.

Chamber Ensemble Award enhances Hammerhead Consort's reputation

The Hammerhead Consort, a four-member piano-ensemble, is the recipient of the 1992 Chamber Ensemble Award of the Sir Ernest MacMillan Memorial Foundation. Members of the Consort are all enrolled in Department of Music programs.

The Hammerhead Consort is using the \$15,000 prize to commission new works from Canadian composers Alfred Fisher and Garth Hobden and to make a compact disc recording.

Members of the group are: Corey Hamm, in the MMus program in piano performance; Roger Admiral, in the DMus program in piano performance; and Rajat Nigam and Trevor Brandenburg, both completing their BMus degrees in applied music.

Formed at the University in the spring of 1990, the Hammerhead Consort won first prize in the chamber music category in the 1991 Canadian Imperial Bank of Commerce National Music Festival in Brandon, Manitoba. In February 1992, the group was recorded in concert by CBC Radio for future broadcast on Alberta in Concert.

Chancellor praises Faculty of Dentistry

In tipping his tam-o'-shanter to the Faculty of Dentistry at a 22 June banquet given as part of the Faculty's 75th anniversary celebrations, Chancellor Sandy Mactaggart said, "I have come to realize that my lifetime has covered the period from the days when the principal occupation of dentists was to get rid of teeth as quickly as possible, to today, when you are all trying to keep those same teeth, in place, for as long as possible. That is a vast change, and one for which we should all be very grateful."

Other speakers at the banquet included Gérald Albert, president of the Association of Canadian Faculties of Dentistry; Bryn Sigfstead, vice-president-elect, Canadian Dental Association; Judy Clarke, president-elect, Alberta Dental Hygienists' Association; Lloyd Culham, president of the Edmonton and District Dental Society; and Dean Norman Wood.

Department Chair Appointments in Medicine

Alexander (Sandy) JB McEwan and Ian Martin have been appointed Chair of the Department of Radiology and Diagnostic

Dr Martin graduated in Chemistry from Bristol University in England and earned his PhD at Birmingham University in 1974 for studies of amine metabolism in the brain and the effects of psychomimetic drugs. He has held appointments in the MRC Neuropharmacology Unit in Birmingham, the MRC Neurochemical Pharmacology Unit and the MRC Molecular Neurobiology Unit, both in Cambridge.

His research interests are in the mammalian central nervous system.

There are more than 225 academic staff, support staff, graduate students and postdoctoral fellows in the Department of Biochemistry and extramural research funding has exceeded \$10 million. Due in part to Dr Bridger's initiative, the department has fostered connections with a number of new interdisciplinary research groups in the Faculty of Medicine. These include the AHFMR Lipid and Lipoprotein Metabolism Research Group and the NCIC Group in Molecular Mechanisms of Growth Control.

AWARD OPPORTUNITIES



EDNA MINTON ENDOWMENT FUND FOR CANCER NURSING RESEARCH

Through a generous donation from the late Maurice C Minton, the establishment of the Edna Minton Endowment Fund for Cancer Nursing Research was made possible. The intent of the endowment is to enhance the quality and quantity of cancer nursing research for the purpose of improving nursing practice and patient care. Funding categories include Research Projects (maximum grant \$3,000), Feasibility Projects (maximum grant \$1,000) and Student Bursaries (maximum grant \$500). The endowment fund is available to registered nurses who hold an appointment in, or have an affiliation with, a health care agency, educational institution, or other nursing organization in Alberta. Student Bursaries are intended to assist registered nurses, enrolled in master's or doctoral programs, to meet research-related expenses, incurred while conducting supervised research investigations (projects, thesis, or dissertation) which focus on cancer nursing.

Guidelines and application forms are available from both the Nursing Research Office, Faculty of Nursing, 3-109 Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3 (telephone 492-6832), and the Department of Nursing, Cross Cancer Institute, 11560 University Avenue, Edmonton, Alberta T6G 1Z2 (telephone 492-8549). Applications should be submitted by 1 December 1992, 4:30 pm, to the Department of Nursing, Cross Cancer Institute, at the above address.

ADVISERS CONFERENCE '92

Personal and Academic Resources is hosting the annual Advisers Conference on 25 September in the Heritage Lounge, Athabasca Hall. The theme is "New Phases and New Faces in the Student Services."

The day-long program includes Student Services Updates (Career and Placement Services; Financial Aid Centre; University Health Services; International Centre; Office of Services for Students with Disabilities; and Native Student Services) and Faculty Services Updates.

Anyone interested in attending the conference can get further details by calling Natalie Sharpe at 492-5205.

TALKS



ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS

18 September, 2 pm

Victor Pastena, University of New York at Buffalo, "Accounting Information and Lenders' Decisions: The Case of the Oil and Gas Industry." B-5 Business Building.

25 September, 2 pm

Wai Fong Chua, University of New South Wales, "Rethinking the Profession-State Dynamic: The Case of the Victorian Charter Attempt, 1885 to 1906." B-05 Business Building.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

29 September, noon

John E Coe, Rocky Mountain Laboratories, Laboratory of Persistent Viral Diseases, Hamilton, Montana, "Hormonal Regulation of Amyloidosis and of Hepatic Carcinoma in Hamsters." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

ANATOMY AND CELL BIOLOGY

24 September, 4 pm

Joel Weiner, "Topogenic Analysis of Membrane Proteins." 5-10 Medical Sciences.

1 October, 4 pm

David R Colman, associate professor, Departments of Anatomy and Cell Biology and Pathology, Center for Neurobiology and Behavior, College of Physicians and Surgeons, Columbia University, "Myelin Proteins and Membrane Adhesions." 5-10 Medical Sciences Building.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

24 September, 7:30 pm

Holly Doan of CBC-TV; Marco Levytsky of the *Ukrainian News*; Linda Slobodian of the *Edmonton Sun*; Lynda Steele of CBC-TV; and Ed Struzik of the *Edmonton Journal*, "Reporting on Ukraine: Myths and Realities" (a round table discussion). B-87 Tory Building.

25 September, 3 pm

The Peter Jacyk Centre for Ukrainian Historical Research. David Frick, associate professor, Slavic Languages and Literature, University of California, Berkeley, "Episodes in Cross-Cultural Misunderstanding: Lavrentij Zyzyanij in Moscow; Meletij Smotryc'kyj in Constantinople." 352 Athabasca Hall.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

24 September, noon

James Clapp, Obstetrics and Gynaecology, Case Western Reserve University, Cleveland, Ohio, "Confounders Which Alter the Fetal Heart Rate Response to Maternal Exercise." Cosponsor: Alberta Heritage Foundation for Medical Research. 2F1.01 Mackenzie Health Sciences Centre.

24 September, 7:30 pm

James Clapp, "Exercise During Pregnancy: Good, Bad or Indifferent?" Bernard Snell Hall, Mackenzie Health Sciences Centre.

CHEMICAL ENGINEERING

24 September, 3:30 pm

HC Kim, "Integrated Design Environment for Process Control." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

1992 Boomer Lecture Series—Royce

Murray, Department of Chemistry, University of North Carolina at Chapel Hill, will give the following lectures:

21 September, 11 am

"Voltammetry Using Polymers as Solvents."

V-107 V-Wing.

22 September, 11 am

"Electron Transfer Dynamics in Mixed Valent Polymers." V-107 V-Wing.

23 September, 11 am

"A Close Look at Polymer Surfaces—Atomic Force Microscopy." V-107 V-Wing.

24 September, 11 am

"Pushing Electrons Through an Enzyme—Sulfite Oxidase." V-107 V-Wing.

The Harry Emmett Gunning Lectures—

JF Holzwarth, Fritz Haber Institute, Max Planck Gesellschaft, Berlin, will give the following lectures:

29 September, 11 am

"The Continuous Flow Method with Integrating Observation (CFMIO) and Iodine Laser Temperature Jump (ILTJ) Techniques as Tools to Investigate Fast Reactions in Solution." V-107 V-Wing.

30 September, 11 am

"Environmental Effects in Fast Outer Sphere Electron Transfer Reactions: Influence of Ionic Atmosphere, Surfactants and Proteins." V-107 V-Wing.

1 October, 11 am

"Kinetics of Azide Binding to Chloroperoxidase in Microemulsions of Hexanol/Sodiumdodecylsulphate/Water: An Iodine Laser Temperature Jump (ILTJ) Study." V-107 V-Wing.

2 October, 2 pm

"Cryoelectronmicroscopy as a Tool for Time-Resolved and Static Structures During the Phase Transition in Lipid Vesicles: A Comparison with Iodine Laser Temperature Jump Results." V-106 V-Wing.

COMPUTING SCIENCE

21 September, 3:30 pm

Joseph Culberson, "Iterated Greedy Graph Coloring and the Difficulty Landscape." 619 General Services Building.

ECONOMICS AND RURAL ECONOMY

28 September, 3 pm

Maureen Cropper, professor, Resources for the Future, University of Maryland, "Public Preferences for Life Saving." 8-22 Tory Building.

ENGLISH

21 September, 4 pm

Homi K Bhabha, Sussex University, England, "On Postmodernism." L-3 Humanities Centre.

23 September, 4 pm

Dr Bhabha, "In a Spirit of Calm Violence." L-3 Humanities Centre.

The following lectures come under the general title "Politics, the Nation, and the Arts":

24 September, noon

A reading by Alice Lee. L-3 Humanities Centre.

24 September, 1 pm

Homi K Bhabha, "Politics, the Nation, and the Arts." L-3 Humanities Centre.

24 September, 2 pm

Willard Holmes, director, Vancouver Art Gallery, "Society and the Arts." L-3 Humanities Centre.

24 September, 3 pm

Desmond Rochfort, "Reenvisioning Nationhood—History, Culture, Revolution, and the Public Murals of Mexico." L-3 Humanities Centre.

24 September, 4 pm

Smaro Kamboureli, University of Victoria, "Multiculturalism and the State." L-3 Humanities Centre.

25 September, 1 pm

Sneja Gunew, Deakin University, Australia, "Irreducible Differences: Nationalism, Literature, Ethnicity." L-3 Humanities Centre.

25 September, 2 pm

Paul Dubé, "I is the Other." L-3 Humanities Centre.

25 September, 2 pm

Jeanne Perreault, University of Calgary, "Witnessing the Witnesses." L-3 Humanities Centre.

25 September, 3:30 pm

Dieter Reimenschneider, JW Goethe University, Germany, "Language, Literature, Ethnicity, and Nation." Respondent: Stephen Slemon. L-3 Humanities Centre.

ENGLISH AND WOMEN'S STUDIES

18 September, 1 pm

Jan Goldstein, University of Chicago, "The Post-Revolutionary Self: Gender in the Competing Psychologies of Nineteenth-Century France." L-3 Humanities Centre.

ENTOMOLOGY

24 September, 4 pm

Laurence Packer, Department of Biology, York University, "Evolution of Social Behaviour in Bees." TBW-1 Tory Breezeway.

FACULTÉ SAINT-JEAN

22 Septembre, 19h30

Dominique Laplane, chef d'un des services de neurologie à la Salpêtrière, Paris, "Pensée et langage: évaluation critique des auto-observations d'anciens aphasiques." Salon des étudiants, Faculté Saint-Jean.

HISTORY

23 September, noon

Tom Brooking, senior lecturer, University of Otago, New Zealand, "Can't See the People for all the Sheep: The Strange Case of New Zealand's Rural History." 2-58 Tory Building.

LIMNOLOGY AND FISHERIES

DISCUSSION GROUP

24 September, 12:30 pm

Patricia Chambers, National Hydrology Research Institute, Saskatoon, "Lime Additions and Their Impact on Aquatic Macrophytes in Hardwater Systems." M-149 Biological Sciences Centre.

1 October, 12:30 pm

Brian Kotak, "Variability in Algal Toxin Production in Eutrophic Alberta Lakes." M-149 Biological Sciences Centre.

PHYSICS

18 September, 2 pm

John R Beamish, "Acoustics of Porous Media and Freezing in Small Pores." V-121 V-Wing.

PSYCHOLOGY

18 September, 3 pm

John H Hogben, University of Western Australia, "The Relationship Among Three Measures of Visible Persistence." P-319N Biological Sciences Building.

30 September, 1:15 pm

Daniel Keating, Ontario Institute for Studies in Education, "The Learning Society: Integrating and Applying the Sciences of Human Development." CW-410 Biological Sciences Centre.

RELIGIOUS STUDIES

23 September, 8 pm

Naomi Goldenberg, University of Ottawa, "Feminist Psychoanalytic Reflections on *The Cat in the Hat Comes Back*; Exploring the Male Claim to the Ownership of Sacred Text." 129 Education Building.

RURAL ECONOMY

21 September, 3:15 pm

WL Adamowicz, "Combining Stated and Revealed Preference Methods for Valuing Environmental Amenities." 519 General Services Building.

SCHOOL OF LIBRARY AND INFORMATION STUDIES

23 September, noon

Margaret Mackey, "Books to Keep Readers Reading." 3-01 Rutherford South.

SLAVIC AND EAST EUROPEAN STUDIES

21 September, 2 pm

Andrij Hornjatkevyc, "The State of the Bandura in Contemporary Ukraine." 141 Arts Building.

24 September, 3:30 pm

David Frick, associate professor, Slavic Languages and Literatures, University of California, Berkeley, "The Formation of an Orthodox Polish: Ukrainian Influence on Polish in the XVII Century." 141 Arts Building.


SOIL SCIENCE

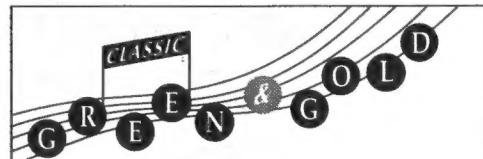
24 September, 12:30 pm

Allan Gajdosik, "The Nature of Organic Materials and Their Role in Microstructure Development in Selected Chernozemic Soils as Affected by Management Practices." 2-36 Earth Sciences Building.

1 October, 12:30 pm

József Tóth, "Experimental Design of a Peatland Drainage System for Forestry by Optimization of Synthetic Hydrographs." 2-36 Earth Sciences Building.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.



You are invited to celebrate
U of A Reunion Weekend 1992
October 2-4

Join us for:

Glenn Yarbrough in concert

8 pm, Friday, October 2
Horowitz Theatre, SUB

Tickets available at all Ticketmaster outlets (charge by phone: 451-8000). If you are an alumnus/a, please phone the Office of Alumni Affairs at 492-3224 to order your ticket.

Gala Dinner and Dance

6:30 pm, Saturday, October 3

Westin Hotel

Guest speaker:

Dr David M Vassos, humorist
Dance Music: The Golden Altos

Tickets available by calling the Office of Alumni Affairs at 492-3224.

Call 492-3224 or fax 492-1568 for information about these and other Reunion Weekend events.



EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS

Until 25 September

"Ukiyo - e glimpses of the floating world"—an exhibition of Japanese woodblock reproductions and illustrated books. Hours: Monday to Friday, 8:30 am to 4:30 pm; closed weekends. B-7 Rutherford South.

FAB GALLERY

Until 27 September

"Debra Lalonde—Something Old Nothing New"—this exhibition is the final visual presentation in partial fulfillment of the requirements for an MVA in painting.

Hours: Tuesday to Friday, 10 am to 1 pm and 2 to 4 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 10 November

"Nature's Own Image"—sculptures by Ted Trusz and paintings by Andrew Raszewski. Hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 10 to 4 pm (subject to availability of volunteers). Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

DEPARTMENT OF MUSIC

27 September, 2 pm

Visiting Artist Masterclass—Boris Berman, pianist. Convocation Hall.

29 September, 8 pm
Visiting Artist Masterclass—Boris Berman, pianist. Convocation Hall.

30 September, 12:10 pm
Noon Hour Organ Recital—Marnie Giesbrecht. Convocation Hall.

1 October, noon
E-Gré Winner's Tour Recital—Audrey Audrist, pianist. Convocation Hall.

SPORTS

FIELD HOCKEY

19 and 20 September

Pandas Field Hockey Tournament

FOOTBALL

18 September, 7:30 pm

Bears vs UBC. Clark Stadium.

HOCKEY

25 to 27 September

Bears host the Molson Invitational

SOCCER

18 September, 4:30 pm Pandas vs Victoria

18 September, 5:30 pm Bears vs Victoria

20 September, 1 pm Pandas vs UBC

20 September, 3 pm Bears vs UBC

Farewell Reception for Reg Norby

A farewell reception for Reg Norby, APO, Department of Rural Economy, will be held Wednesday, 23 September, from 4 to 6 pm in the Main Lounge, Faculty Club. Donations to a student activity recognizing his contributions may be made by cheque payable to the "University of Alberta, R Norby Fund", and mailed to the Department of Rural Economy.

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 11 September 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 11 September 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

CLERK STENO (Grade 5), Faculty of Extension (Land Economics and Real Estate), (\$1,891 - \$2,343)

MEDICAL STENO (Grade 6), Pediatrics, (\$2,070 - \$2,580)

EVALUATOR (Grade 8), Faculty of Graduate Studies and Research, (\$2,437 - \$3,071)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

CLERK STENO II (Part-time/Term to 31 December 1992), Botany, (\$9.45/hour)

CLERK TYPIST II (Trust), Medicine (Administration), (\$1,433 - \$1,779)

LABORATORY ASSISTANT III (DENTAL) (Term to 30 April 1993), Restorative Dentistry (\$1,597 - \$2,005)

SURGICAL TECHNICIAN (Trust), Faculty of Medicine (Cardiology), (\$2,093 - \$2,692)

'Uniting North and South: Partners in Education' will be held next month

The first regional student conference on northern studies, titled, "Uniting North and South: Partners in Education," will be held at the University of Alberta 24 October.

The conference will be hosted by the Circumpolar Students' Association and the Northern Students' Association, and supported by the Association of Canadian Universities for Northern Studies and the Canadian Circumpolar Institute.

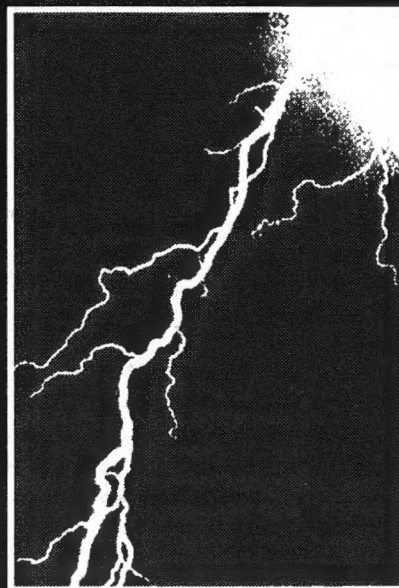
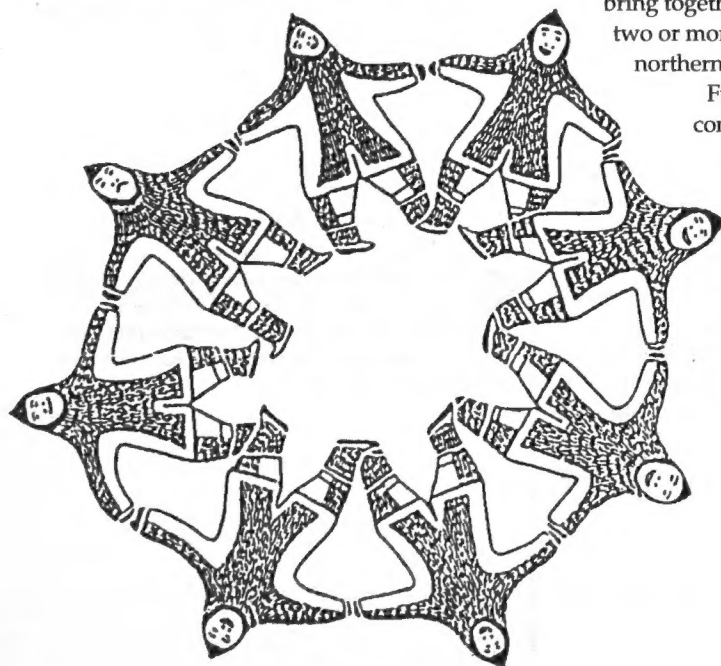
The conference, to be held in conjunction with the meeting of the ACUNS council in Edmonton, is meant to emphasize the need for North and South to work together for

mutually beneficial and effective research. Multidisciplinary and interdisciplinary in scope, the conference will provide a forum for students to present their research on any topic related to the North.

Organizers hope the conference will also foster some links, by encouraging working relationships between Northerners and Northern researchers. Students from the four universities and a number of the community colleges in the province will contribute to the proceedings.

The conference is, in part, a response to ACUNS' desire to see regional meetings bring together students and faculty from two or more institutions to discuss northern research interests.

Further information on the conference can be obtained from Edith Wieler at the Circumpolar Students' Association, Canadian Circumpolar Institute, G213 Biological Sciences Building, 492-4512.



SUPER SATURDAY STRIKES AGAIN!

There'll be electricity in the air at the U of A on October 3, 1992 as U of A speakers shed light on today's hottest topics.

Come to the fourth Super Saturday at the University of Alberta - **October 3, 10 am to 4 pm** - in the Business and Tory Buildings.

Hear the latest views on significant issues of the day. Ask questions and take part in discussions about the environment, health, psychology, national politics and international affairs.

Whatever your interests there's something for you among the over 30 presentations. There'll be many new talks and some of our most popular speakers will return.

As well, there are guided visits to some of our special collections.

Free admission (first-come, first-seated) Free parking - Zones N & U
For more information 492-7073 or 492-2325.

See next week's Folio for a full schedule of events.

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RENT - Lynnwood, west end, three bedroom bungalow. Immaculate condition, quiet garage, \$1,000/month. Immediate possession. Western Relocation, 434-4629.

RENT - Millwoods. New, four-level split, \$1,000, three bedrooms, fireplace. Immediate. Western Relocation, 434-4629.

RENT - Millwoods Satoo, ranch-style bungalow. Off-white carpet, fireplace, three bedrooms up, one down. No pets, nonsmokers. \$1,200/month. 1 September 1992. Western Relocation, 434-4629.

RENT - River valley view, 1,100', two bedrooms, two baths. Lease, immediate. \$1,100/month. Western Relocation, 434-4629.

RENT - Penthouse, Saskatchewan Drive. Breathtaking view, exquisite decor, two bedrooms, 2,098'. Immediate, \$1,850/month. Western Relocation, 434-4629.

RENT - Grandview, unique, four bedroom bungalow. Near University farms/river valley. \$1,650/month. Western Relocation, 434-4629.

RENT - West end, 199 Street acreage. New, three bedroom bungalow, custom-built, open floor plan. \$1,500/month. Western Relocation, 434-4629.

RENT - Primrose, perfect location, perfect condition. Spacious bungalow, three bedrooms, two baths, double garage. \$1,200/month. Immediate possession. Western Relocation, 434-4629.

RENT - Harley Street, London, England. Equipped and furnished flats and mews house available. Short or long stay, to faculty members. Reasonable rents, unbeatable location. 011-44-71-580-0731 between 0800-1200.

RENT - Three bedroom bungalow, two appliances, near Southgate shopping centre. \$650/month, one year lease. Available 1 October 1992. Phone 437-1405 evenings.

RENT - Fully equipped Banff condo, sleeps four. 26 December to 2 January, \$1,250. Colin, 492-6013.

SALE - Two storey, 2,725', dream home for the family. Fully finished basement, sunny south exposure and mini park behind you. Joan Lynch, Re/Max Real Estate, 438-7000, 433-9025.

RENT - Four bedroom, semi-furnished bungalow. Saskatchewan Drive. October. \$1,100/month. 452-5644.

RENT - Two bedroom, ground floor apartment, University Avenue house. \$600/month, includes utilities, garage, shared laundry. Suitable, quiet, nonsmoking adult(s). Phone 922-4080 evenings.

SALE - Petrolia/Greenfield, 1 1/2 storey, double garage, four bedrooms plus main den, 3 1/2 baths, fireplace, deck. Open house Saturday/Sunday, 1-4. 437-7924, 492-2562.

RENT - City view, three bedroom house. Seven minutes from University. \$650/month. Available October. 473-3780.

SALE - Aldergrove, four level split, Perry-built. Four bedrooms, large kitchen, separate dining, family room, fireplace, huge fenced

yard, paved driveway, garage pad. \$126,900. 487-3958, 492-1227.

SALE - 1,930' condo, Riverbend location. Six appliances, window coverings, single attached garage. No better value anywhere. Call Janice Duke, Royal LePage Real Estate, 437-7480.

RENT - January - July 1993, semi-furnished, two bedroom home. Older neighbourhood, hardwood floors, fireplace, veranda. Close to downtown, University, transit. Dogs ok, no cats. Nonsmokers. \$800/month. 451-2587.

RENT - Three bedroom, unfurnished house. Walking distance to University. 432-1488.

RENT - Furnished, three bedroom house. 1 October. Garage, pie lot, \$725, near University. 438-0213.

SALE - Saskatchewan Drive. Best quiet location. Super view. Large bungalow, three plus three bedrooms. Double garage, huge lot. Walk to University. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

SALE - Upgraded bungalow. Large kitchen, two plus two bedrooms. Ideal for University. Chris Tenove, Spencer Realty, 435-0808, 433-5664.

SALE - Great investment. Great home on ravine lot with over 20,000' to roam. If location and privacy is important to you, this is it. Dick Scragg, Royal LePage, 438-4700.

SALE BY OWNER - Glenora, charming, two bedroom bungalow. Upgraded throughout. New bathroom and kitchen. Fireplace, large double garage. Ravine view, great location for University and downtown. 492-5755 (days), 455-0620 (evenings).

RENT - New, executive, 1,200', two bedroom. Superb city, river valley view, close to all amenities, University. 1 1/2 jacuzzi bath, five appliances, fireplace, garage. Tennis, golf course, four blocks. Immediate. 468-1579.

SALE - Super, Hearthstone townhouse. Backs onto greenbelt. New kitchen cabinets, neutral carpets. Details and showings, ask for Pat von Borstel, 435-0808, Spencer Realty, 437-6540, residence.

SALE - Windsor Park view property, 93x180 lot. 1,560' bungalow, developed basement, walk to University. Grandview, 1,600'

bungalow. Grand piano-size living room. Near academically challenged school. Marjorie King, Spencer, 435-0808, 435-0395.

SALE - Pleasantview. Imaginative and practical design. High quality construction, four bedrooms, great kitchen. Convenient. University. Jean MacKenzie, Spencer Realty, 435-0808.

RENT - Spacious, one bedroom condo, balcony, parking, pool. Varscona Tower, two blocks/ University Hospital. \$625/month, includes all utilities except phone. 465-1368 after 4 pm.

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MISCELLANEOUS

PART-TIME babysitter/nanny required in Riverbend. Yvonne, 434-1793.

RETIRED PHYSICIAN seeks useful work, home or overseas. Currently occupied academically. Wide-ranging skills, apparently useless for Canadian aid organizations. Menial tasks acceptable if field new. McIntyre, 9135 118 Street, T6G 1T6.

Retirement Dinner for Keith Smillie

An appreciation dinner to mark the retirement of Keith Smillie of the Department of Computing Science will be held Saturday, 17 October, in the Papaschase Room of the Faculty Club (cocktails, 6 pm; dinner, 7 pm). Persons interested in further information are asked to call Dr Brian Pinchbeck, at 492-3284 by Friday, 2 October.

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Sept. 26 - Dec. 5: 10:30 - 13:30
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Annah the
Allmazingful, the
Everliving, the
Bringer of
Plurabilities, ha-
loed be her eve,
her singtime
sung, her rill be
run, unhemmed
as it is uneven!

(James Joyce)

U.C.C.M.
Room 158E SUB
Phone: 492-4621

*Worship
in the
Key of Life
Monday
8:00 a.m.*

*Meditation Room 158A
SUB*

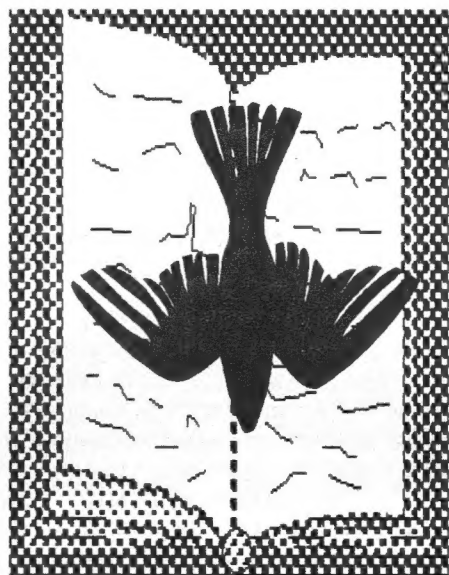
Begins September 14th

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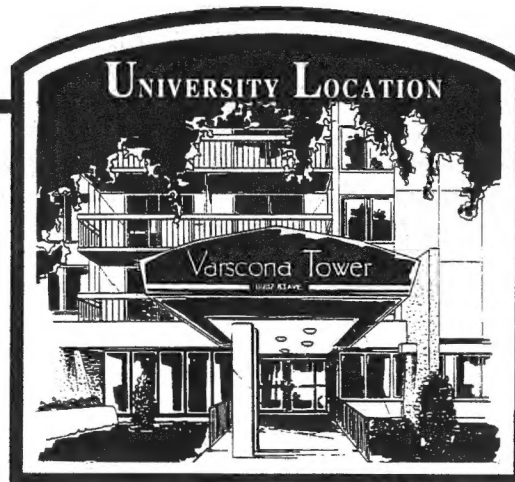
12:30-1:30
Thursdays
158A SUB

Peter Schouls
October 15th
Winnie Tomm
October 22
Francis Landy
November 19th

KNOWLEDGE AND SPIRIT

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search for certainty"
Dr. W. Israel
Physicist



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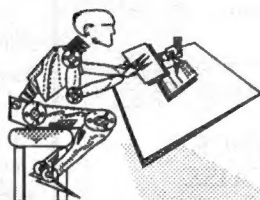
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Good, Bad or Indifferent?"

by
Dr. James Clapp, Professor
Case Western Reserve University,
Cleveland, Ohio

Thursday, September 24, 1992
7:30 p.m. Bernard Snell Hall
Walter C. MacKenzie
Health Sciences Centre
University of Alberta Hospitals

There is concern among physicians that the body's responses to exercise may have harmful effects on fetal development and pregnancy maintenance. Thus, most health care providers currently recommend that the intensity and duration of exercise be sharply curtailed during pregnancy. Dr. Clapp will discuss his findings about the exercise induced changes in women who have continued to exercise throughout their pregnancy and the effects this exercise has on the fetus.

PUBLIC WELCOME



Canadian
Federation of
University
Women -
Edmonton

INVITES: Active, committed women to attend an information meeting on this organization whose goals are to pursue knowledge, promote education, improve the status of women and human rights, and participate in public affairs
QUALIFICATIONS: A degree from any recognized college or university

ACTIVITIES: Study and social groups; researching and presenting briefs; offering scholarships and awards to both women and men

BENEFITS: Community service, friendship, and skills development
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